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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/488,752 | 01/21/2000 | S. Paul Tucker | 10991620.1 | 4859 |

7590 03/15/2002

Hewlett-Packard Company
Intellectual Property Administration
P O Box 272400
Fort Collins, CO 80528-9599

EXAMINER

NGUYEN, PHU K

| | |
|----------|--------------|
| ART UNIT | PAPER NUMBER |
|----------|--------------|

2671

DATE MAILED: 03/15/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

SM

Office Action Summary

Application No.
09/488,752

Applicant(s)

TUCKER et al.

Examiner

Phu K. Nguyen

Art Unit

2671



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Jan 21, 2000
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above, claim(s) none is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirements.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

a) ☐ All b) ☐ Some* c) ☐ None of:

- ☐ Certified copies of the priority documents have been received.
- ☐ Certified copies of the priority documents have been received in Application No. _____.
- ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Phu K. Nguyen
PHU K. NGUYEN
PRIMARY EXAMINER
GROUP 2400

Attachment(s)

- 15) ☐ Notice of References Cited (PTO-892)
- 16) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 17) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2
- 18) ☐ Interview Summary (PTO-413) Paper No(s) _____
- 19) ☐ Notice of Informal Patent Application (PTO-152)
- 20) ☐ Other:

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1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over FREDRICKSON et al. (5,131,080) in view of ALCORN et al. (5,185,856).

As per claim 1, Fredrickson teaches the claimed "display system" comprising:

"A memory" (Fredrickson, figure 2B); and

"An attribute system" (Fredrickson, column 10, lines 1-60).

It is noted that Fredrickson does not explicitly teach "attribute data" as claimed.

However, Fredrickson's (X, Y, Z) coordinate and color attributes (R, G, B) or overlay data (memory RAM 98) suggests the storing of "logical regions and attribute data" as claimed.

Furthermore, Alcorn teaches that such attribute data is well known in the art (Alcorn, column 4, lines 29-35). Thus, it would have been obvious to a person of ordinary skill in the art at the time the invention was made, in view of the teaching of Alcorn, to configure Fredrickson's system as claimed by implementing the blending data, or specular and diffuse parameters, ... as the attribute data as claimed.

Claim 2 adds into claim 1 that the graphics data and attribute data are stored in physically separate memories which Fredrickson teaches in figure 2B with different memory planes.

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Due to the similarity of claims 3-6, 7-8, and 9-10 to claims 1-2, they are rejected under a similar reason.

Accordingly, the claimed invention as represented in the claims does not represent a patentable distinction over the art of record.

Conclusion

3. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(703)-308-9051 (**formal** communications intended for entry), Or:

(703)-305-9724 (**informal** communications labeled **PROPOSED** or **DRAFT**).


Hand-delivered responses should be brought to:

Sixth Floor Receptionist, Crystal Park II, 2121 Crystal Drive, Arlington, VA.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phu K. Nguyen, whose telephone number is (703)-305-9796 and can normally be reached Monday-Friday from 6:30 AM to 3 PM.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the group receptionist whose telephone number is (703) 305-3900.

Phu K. Nguyen
Patent Examiner
Art Unit 2671


PHU K. NGUYEN
PRIMARY EXAMINER
GROUP 2400